KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:					(See Instruc	tions on Re	verse Side	9)			
Op	en Fl	wc			T D-4				A D:	IN- 45		
√ De	elivera	bilty			Test Date 3/26/20					i No. 15 5-20441 – Q	000	
Company Zenith D		j Co.	- ,			,	Lease Colglaz	ier				Weli Number 1
County Pawnee			Locati C SW		Section 4		TWP 23S		RNG (E 16W	/W)		Acres Attributed
Field Zook					Reservoi Viola	r				thering Conn nen Energy	ection	KCC M
Completi-		te.				ok Total Dep 096'	th		Packer S NA	Set at		APR 15
Casing S 4.500			. Weigh		Internal I 4.05	Diameter 2	Set a 4139			rations 25'	To 4072'	APR 15 20 RECEIVE
Tubing S	ize		Weigh	t	Internal I		Set a		Perfo	rations	То	- TIVE
2.375		- /0	4.7		1.99		4069	9'	D 11	· · · · · · · · · · · · · · · · · · ·	51	
Type Cor Single		on (D	escribe)		iype Flui Wat	id Productio te r	n		Pump U	nit or Traveling PU	Plunger? Yes	/ No
Producing Annulus		ı (An	nulus / Tubing	1)	% (Carbon Díox	ide		% Nitrog	en	Gas Gr	avity - G _g
Vertical E		H)			· · · · · · · · · · · · · · · · · · ·	Pres	sure Taps			** *** *******************************	(Meter I	Run) (Prover) Size
Pressure	Buildu	ıp:	Shut in 3/2	5 2	0_15_at_4	:50	(AM) (PM)		26	20	15 at 5:00	
Well on L	ine:	-	Started 3/26		0 <u>15</u> at <u>5</u>	100					at	
						OBSERVE	D SURFACE	E DATA			Duration of Shut-	in 24 Hours
Static / Dynamic Property	Orif Siz (inch	ze	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential re in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	(P _w) or (P	Pressure	Wellhe (Pپ) م	Tubing ad Pressure (Pt) or (Pg)	Duration (Hours)	Liquid Produced (Barrels)
Shut-In	hut-In		p=15 (1 11)	manos, rigo		_	345	psia	psig psia	psia	24	
Flow												
						FLOW STF	REAM ATTR	BUTES				
Plate Coeffied (F _b) (F Mofd	ient ,)	Pro	Circle one: Meter or over Pressure psia	Press Extension P _m x h	Grav Fac F _e	tor	Flowing Temperature Factor F ₁₁	Fac	ation ctor pv	Metered Flov R (Mcfd)	v GOR (Cubic Fer Barrel)	Flowing Fluid Gravity G _m
(P _c) ² =			(P \2.=	:	(OPEN FL		'ERABILITY) % (P	CALCUL - 14.4) +			(P _a)² (P _d)²	= 0.207
(P _c) ² - (F		· (F	P _o) ² - (P _w) ²	Choose formula 1 or 2. 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ tivided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide		Backpres Slop Ass	ssure Curve ee = "n" or signed ard Slope	n x l	ГЛ	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
										_	 	
Open Flov	w			Mcfd @ 14.	65 psia	- .	<u>I</u> Deliverabi	ility			, Mcfd @ 14.65 psi	a
		-	-	id report is true			this the 7t	h	iay of	April	rt and that he ha	, 20 15
	_		Ear Commi	naian			(len	u-	Sel	eriopany Lucul	ital

is cycled on plunger lift due to water is a source of natural gas for injection into an oil reservoir undergoing ER is on vacuum at the present time; KCC approval Docket No. is not capable of producing at a daily rate in excess of 250 mcf/D I further agree to supply to the best of my ability any and all supporting documents deemed by Commissio taff as necessary to corroborate this claim for exemption from testing.	orrect to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the Colglizier #1 as well on the grounds that said well: (Check one) is a coalbed methane producer is cycled on plunger lift due to water is a source of natural gas for injection into an oil reservoir undergoing ER is on vacuum at the present time; KCC approval Docket No. vis not capable of producing at a daily rate in excess of 250 mcf/D I further agree to supply to the best of my ability any and all supporting documents deemed by Commission taff as necessary to corroborate this claim for exemption from testing.		der Rule K.A.R. 82-3-304 on behalf of the oper	
(Check one) General content of the grounds that said well: General content of the grounds that said well: General content of the grounds that said well: General content of the grounds that said well: General content of the grounds that said well: General content of the grounds that	(Check one) General content of the grounds that said well: General content of the grounds that said well: General content of the grounds that said well: General content of the grounds that said well: General content of the grounds that said well: General content of the grounds that	correct to the bes	t of my knowledge and belief based upon ava allation and/or upon type of completion or upo	ilable production summaries and lease records n use being made of the gas well herein named.
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	Date: <u>4/7/2015</u>	staff as necessar	•	

Instructions:

If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under **OBSERVED SURFACE DATA**. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption IS denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.